

PATENT Attorney Docket No. 056291-5245

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: BARLAAM et al.)
Application No.: 10/572,794) Group Art Unit: Unassigned
Filed: March 21, 2006) Examiner: Unassigned
For: QUINAZOLINE DERIVATIVES AS ANTIPROLIFERATIVE AGENTS)) Date: September 13, 2006

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Citation of Technically Related U.S. Patent Applications

The Examiner's attention is directed to the following technically related U.S. patents or applications of Applicants' assignee:

Inventor	U.S. Serial No.	U.S. Patent No.	PCT Publication No.
	Filing Date	Issue Date	PCT Publication Date
Bradbury et al.	10/508,675		WO 03/082831
	September 22, 2004		October 9, 2003
Hennequin <i>et al</i>	10/555,085		WO 2004/096226
	October 31, 2005		November 11, 2004
Hennequin	10/566,841		WO 2005/013998
	February 2, 2006		February 17, 2005
Bradbury et al.	10/571,991		WO 2005/028469
	March 15, 2006		March 31, 2005
Bradbury et al.	10/572,048		WO 2005/028470
	March 15, 2006		March 31, 2005
Hennequin et al.	10/572,261		WO 2005/026157
	March 16, 2006		March 24, 2005
Hennequin <i>et al</i> .	10/572,303		WO 2005/026156
· · · · · · · · · · · · · · · · · · ·	March 17, 2006		March 24, 2005
Hennequin <i>et al</i> .	10/573,090		WO 2005/026150
	March 15, 2006		March 24, 2005

Inventor	U.S. Serial No.	U.S. Patent No.	PCT Publication No.
	Filing Date	Issue Date	PCT Publication Date
Bradbury et al.	10/573,352		WO 2005/030757
	March 24, 2006		April 7, 2005
Delouvrie et al.	10/586,965		WO 2005/075439
	25-Jul-2006		August 18, 2005
Bradbury et al.	10/857,342		
	June 1, 2004		
Hennequin et al.	11/443,395		WO 03/040109
	May 31, 2006		May 15, 2003

With the exception of U.S. 10/857,342 (U.S. Publication No. 20050165035, copy not provided), a copy of the specification and claims for each application, in the form of the published PCT application from which such application was filed is being filed herewith. Consideration of each listed application is earnestly solicited.

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants request the Examiner to consider this Information Disclosure Statement and documents listed on the attached Form PTO-1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced Application. Accordingly, Applicants do not believe a fee is due for filing this Information Disclosure Statement.

With the exception of U.S. Patents and Publication, copies of the listed documents are attached. Applicants respectfully request that the Examiner initial and return the Form PTO-1449, indicating that the information has been considered and made of record herein.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." Applicants reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due

Attorney Docket No.: 056291-5245 Application No. 10/572,794

Page 3

under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a

CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R.

By:

§1.136(a)(3).

Respectfully Submitted,

Morgan Lewis & Bockius V

Date: September 13, 2006

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Application No. Attorney Docket No. 056291-5245 10/572,794 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Applicants: BARLAAM et al. PTO Form 1449 1624 Group Art Unit: White West September 13, 2006 Filing Date: March 21, 2006 PATENT DOCUMENTS Initial Document No. Sub-Class Filing Date Name Class US 20020082270 June 27, 2002 Himmelsbach et al. August 22, 2001 514 266.2 2. US 20020128553 September 12, 2002 Mishani et al. 600 431 March 12, 2001 3. US 20040048880 March 11, 2004 Himmelsbach et al. 266.2 514 March 27, 2003 4. US 20040176361 September 9, 2004 Fujio et al. 514 224.2 February 24, 2004 5. US 20050165035 July 28, 2005 Bradbury et al. 514 266.22 June 1, 2004 6. US 4,335,127 June 15, 1982 Vandenberk et al. October 12, 1979 514 266.22 7. US 4,921,863 May 1, 1990 Sugimoto et al. 514 319 February 17, 1988 October 10, 1995 8. US 5,457,105 Barker 514 234.5 August 2, 1994 9. April 1, 1997 US 5,616,582 Barker 234.5 514 June 15, 1995 10. US 5,747,498 May 5, 1998 Schnur et al. 514 266.4 May 28, 1996 11. US 5,770,599 June 23, 1998 Gibson 514 228.2 April 26, 1996 12. US 6,297,258 October 2, 2001 Wissner et al. 514 313 August 1, 2000 13. US 6,562,319 May 13, 2003 Mishani et al. 424 1.81 March 12, 2001 14. US 6,972,288 December 6, 2005 Himmelsbach et al. 514 234.8 February 6, 2002 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. TNLFOREIGN PATENT DOCUMENTS Document No. Date Country Class Sub-Class Translation 15. EP 0 288 563 May 11, 1994 **EPO** 16. November 8, 1995 EP 0 566 226 EPO 17. EP 0 837 063 April 22, 1998 **EPO** 18. August 14, 2002 EP 1 230 919 **EPO** 19. EP 1 369 418 December 10, 2003 **EPO** 20. WO 88/02365 April 7, 1988 WIPO US 4,921,863 21. WO 96/09294 March 28, 1996 **WIPO** 22. WO 96/30347 October 3, 1996 **WIPO** 23. WO 96/33977 WIPO October 31, 1996 24. WO 96/33978 October 31, 1996 WIPO 25. WO 96/33979 October 31, 1996 WIPO 26. WO 96/33980 October 31, 1996 **WIPO** 27. WO 96/33981 October 31, 1996 **WIPO** 28. WO 96/39145 December 12, 1996 **WIPO** 29. WO 97/03069 January 30, 1997 WIPO 30. WO 97/30034 August 21, 1997 WIPO 31. WO 97/30035 August 21, 1997 **WIPO** 32. WO 97/30044 August 21, 1997 WIPO October 23, 1997 33. WO 97/38983 WIPO 34. WO 97/38994 October 23, 1997 **WIPO** ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /T.N./ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Examiner Date Considered /Tamthom Truong/ 12/17/2009 Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449 September 13, 2006 Attorney Docket No 056291-5245

Application No. 10/572,794

Applicants: BARLAAM et

1624

Filing Date: March 21, 2006

			U.S. PATEN	T DOCUMENTS			
Initial		Document No.	Date Name		Class	Sub-Class	Filing Date
ALL F	REFE	RENCES CONSIDE	RED EXCEPT WHER FOREIGN PAT	E LINED THROUG ENT DOCUMENTS	H. /T.N./		
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	35.	WO 98/02434	January 22, 1998	WIPO			
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		 OTH	ER DOC	CUMENTS	(Including Author,	Title, D	Pate, Pertinent Pages, etc.)	
Examiner		 ***			Date Considered			

/Tamthom Truong/ Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

12/17/2009

Application No. Attorney Docket No. 056291-5245 INFORMATION DISCLOSURE CITATION µ1/0/572,794 (Use several sheets if necessary) Applicants: BARLAAM et al. 1624 PTO Form 1449 September 13, 2006 Filing Date: March 21, 2006 Group Art Unit: What Market U.S. PATENT DOCUMENTS Initial Document No. Date Name Sub-Class Class Filing Date ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.N./ FOREIGN PATENT DOCUMENTS Document No. Country Date Class Sub-Class Translation WO 2004/064718 69. August 5, 2004 WIPO WO 2004/096226 70. November 11, 2004 WIPO 71. WO 2005/013998 February 17, 2005 WIPO 72. WO 2005/026150 March 24, 2005 WIPO 73. WO 2005/026156 March 24, 2005 WIPO 74. WO 2005/026157 March 24, 2005 WIPO 75. WO 2005/028469 March 31, 2005 **WIPO** 76. WO 2005/028470 March 31, 2005 WIPO 77. WO 2005/030757 April 7, 2005 WIPO 78. WO 2005/075439 August 18, 2005 WIPO ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH! /T.N./ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Stamos et al. "Structure of the Epidermal Growth Factor Receptor Kinase Domain Alone and in Complex with a 4-Anilinoquinazoline Inhibitor" J. Biol. Chem. 277(48):46265-46272 (2002) . Traxler et al. "Protein tyrosine kinase inhibitors in cancer treatment" Exp. Opin. Ther. Patents 7(6):571-588 (1997). Traxler et al. "Tyrosine kinase inhibitors in cancer treatment (Part II)" Exp. Opin. Ther. Patents 8(12):1599-1625 Tsou et al. "6-Substituted-4-(3-bromophenylamino)quinazolines as Putative Irreversible Inhibitors of the Epidermal 82. Growth Factor Receptor (EGFR) and Human Epidermal Growth Factor Receptor (HER-2) Tyrosine Kinases with Enhanced Antitumor Activity" J. Med. Chem. 44:2719-2734 (2001). Vema et al. "Design of EGFR kinase inhibitors: a ligand-based approach and its confirmation with structure-based studies" Bioorg Med Chem. 11(21):4643-4653 (2003) ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.N./

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/Tamthom Truong/